

Title (en)

MEMBRANE REACTOR AND PROCESS FOR THE PRODUCTION OF A GASEOUS PRODUCT WITH SUCH REACTOR

Title (de)

MEMBRANREAKTOR UND VERFAHREN ZUR HERSTELLUNG EINES GASFÖRMIGEN PRODUKTS MIT EINEM SOLCHEN REAKTOR

Title (fr)

RÉACTEUR À MEMBRANE ET PROCÉDÉ POUR LA PRODUCTION D'UN PRODUIT GAZEUX À L'AIDE D'UN TEL RÉACTEUR

Publication

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Application

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Abstract (en)

[origin: WO2012112046A1] The invention provides an integrated catalyst and membrane reactor for the production a predetermined gas such as hydrogen. The reactor comprises a gas flow channel, comprising a plurality of alternating catalyst sections and membrane sections, wherein each catalyst section comprises a catalyst bed and each membrane section comprises a plurality of membranes, and wherein the membranes are selectively permeable for the predetermined gaseous species.

IPC 8 full level

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